Cluster Progress

February 4, 2019

Node Installation Challenges

- ROCKS 7 Kernel CD does not provide "compute node" software package
  - node installed with "minimal install" package (same as CE)
- node registered in ROCKS on CE as ready to install
- does not show up on `insert-ethers`
  - has been recognized by `insert-ethers` (DHCP request sent)
  - node has never requested kickstart file from CE
- will attempt to install CERN CentOS 7 onto node
  - support for "compute node" installation package

```
MySQL [cluster]> SELECT * FROM nodes;
+----+------------+------------+------+------+------+------+-------+-----------+---------------+
| ID | Name       | Membership | CPUs | Rack | Rank | Arch | OS    | RunAction | InstallAction |
+----+------------+------------+------+------+------+------+-------+-----------+---------------+
|  1 | uscms1     |          1 |    8 |    0 |    0 | NULL | linux | os        | install       |
|  3 | compute-1-1 |          2 |    1 |    1 |    1 | NULL | linux | os        | install       |
|  4 | compute-0-0 |          2 |    1 |    0 |    0 | NULL | linux | os        | install       |
+----+------------+------------+------+------+------+------+-------+-----------+---------------+
```
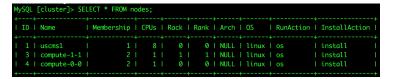
Figure: The trial node, known to the CE as "compute-1-1", is configured to have ROCKS properly installed.